**Write a code to get the input in the given format and print the output in the given format**

var a= userInput[0]

console.log(a);

**Sample Input :**  
2

##### Output:

2

------------------------------------------------------------------------------------------------------------------------------------------

var a= userInput[0]

console.log(a);

**Sample Input :**  
2 3 4 5 6 7 8

**Output:**

2 3 4 5 6 7 8

------------------------------------------------------------------------------------------------------------------------------------------

let a = userInput[0];

let b = userInput[1];

console.log(a);

console.log(b);

**Sample Input :**  
5 3  
1 2 3 4 5

**Sample Output :**  
5 3  
1 2 3 4 5

------------------------------------------------------------------------------------------------------------------------------------------

var a= userInput[0]

var b= userInput[1]

var c= userInput[2]

console.log(a);

console.log(b);

console.log(c);

**Sample Input :**  
2 4  
2 4  
2 4

##### Output:

2 4

2 4

2 4

------------------------------------------------------------------------------------------------------------------------------------------

let a = userInput[0];

let b = userInput[1];

let c = userInput[2];

console.log(a, b, c);

**Sample Input :**  
2  
4  
5

**Sample Output :**  
2 4 5

------------------------------------------------------------------------------------------------------------------------------------------

var a = userInput[0];

var b = userInput[1];

var c = userInput[2];

console.log(a);

console.log(b);

console.log(c);

**Sample Input :**  
2 5  
2 5 6  
2 4 5

##### Output:

2 5

2 5 6

2 4 5

------------------------------------------------------------------------------------------------------------------------------------------

var a = userInput[0].split("");

var b = " ";

for(i=0; i<a.length; i++){

b=b+a[i]+" "

}

console.log(b.trim());

**Sample Input :**  
ajith

##### Output:

a j i t h

------------------------------------------------------------------------------------------------------------------------------------------

var a= userInput[0].split(" ");

for(i=0;i<a.length;i++){

console.log(a[i])

}

**Sample Input :**  
2.3 4.5 7.8

##### Output:

2.3

4.5

7.8

------------------------------------------------------------------------------------------------------------------------------------------

var a= userInput[0].split("");

for(i=0;i<a.length;i++){

console.log(a[i])

}

**Sample Input :**  
ajith

##### Output:

a

j

i

t

h

------------------------------------------------------------------------------------------------------------------------------------------

var a = userInput[0].split("");

var b = " ";

b=b+a+" "

console.log(b.trim());

**Sample Input :**  
ajith

##### Output:

a,j,i,t,h

**You are provided with a number, "N". Find its factorial.**

let n = userInput;

function factorial(n){

//base case

if(n == 0 || n == 1){

return 1;

//recursive case

}else{

return n \* factorial(n-1);

}

}

answer = factorial(n)

console.log("The factorial of " + n + " is " + answer);

**You are given with a number "N", find its cube.**

let n = userInput[0]

output=n\*\*3

console.log(output);

**You are given with a number "N", find its cube.**

let n = userInput;

ans = n\*n\*n

console.log(ans);

**Find and print the largest among the three**

let a= parseInt(userInput[0]);

let b= parseInt(userInput[1]);

let c= parseInt(userInput[2]);

let max = Math.max(a,b,c);

console.log(max);

**Sample Input :**  
1  
2  
3

**Sample Output :**  
3

**Print the First 3 multiples of the number with single spaces between them as an output.**

let a = userInput[0]

let b = a;

let c= a\*2;

let d= a\*3;

console.log(b,c,d)

**Sample Input :**  
2

**Sample Output :**  
2 4 6

**You are given a number**A**in *Kilometers*. Convert this into**B**: *Meters* and**C**: *Centi-Metres***

let a=userInput[0];

let b=a\*1000;

let c=a\*100000;

console.log(b);

console.log(c);

**Sample Input :**  
2

**Sample Output :**  
2000  
200000

***You are given Two Numbers, A and B. If C = A + B. Find C.***

let a=parseInt(userInput[0]);

let b=parseInt(userInput[1]);

let c=a+b;

console.log(c);

**Sample Input :**  
1  
1

**Sample Output :**  
2

***Write a code to get an integer N and print the digits of the integer.***

let a=userInput[0].split("")

let b=" "

for(i=0; i<a.length; i++)

b=b+a[i]+" "

console.log(b.trim());

**Sample Input :**  
348

**Sample Output :**  
3 4 8

***Write a code to get an integer N and print values from 1 till N in a separate line.***

let a= userInput[0]

for(i=1;i<=userInput; i++){

console.log(i)

**Sample Input :**  
5

**Sample Output :**  
1  
2  
3  
4  
5

***You are provided with a number check whether its odd or even.***

let number = userInput

if(number%2==0){

console.log("Even")

}else{

console.log("Odd")

}

**Sample Input :**  
2

**Sample Output :**  
Even

***You are given A = Length of a rectangle & B = breadth of a rectangle. Find its area “C”.***

let a= userInput[0]

let b= userInput[1]

let c= a\*b

console.log(c);

**Sample Input :**  
2  
3

**Sample Output :**  
6

***Write a program to get a string as input and reverse the string without using temporary variable.***

let a= userInput[0]

b=""

for(i=a.length-1;i>=0; i--)

b+=a[i]

console.log(b);

**Sample Input :**  
GUVI

**Sample Output :**  
IVUG

***Write a code to get an integer N and print the values from N to 1.***

let n= userInput[0]

for(i=userInput[0]; i>=1; i--)

console.log(i);

**Sample Input :**  
5

**Sample Output :**  
5  
4  
3  
2  
1

***You are provided with two numbers. Find and print the smaller number.***

let a=userInput[0].split(" ")

let b=a[0]

let c=a[1]

let min = Math.min(b,c)

console.log(min);

**Sample Input :**  
23 1

**Sample Output :**  
1

***Write a code to get the input and print it 5 times.***

let n= userInput[0]

for(i=0; i<5;i++)

console.log(n);

**Sample Input :**  
4

**Sample Output :**  
4  
4  
4  
4  
4

***You are given with a number****A****i.e. the temperature in Celcius. Write a program to convert this into Fahrenheit.***

function cT(userInput)

{

var cTemp = userInput;

var cF = cTemp\*9/5+32;

var f = cF

console.log(f);

}

cT(userInput)

function cT(userInput)

{

var cTemp = userInput;

var cF = cTemp \* 9 / 5 + 32;

var f = cTemp+'\xB0C is ' + cF + ' \xB0F.';

console.log(f);

}

cT(userInput);

Let "**A**"  be a string. **Remove all the whitespaces and find it's length.**

let a=userInput[0]

let b=a.split(" ").join("")

c=b.length

console.log(c)

**Sample Input :**  
Lorem Ipsum

**Sample Output :**  
10

**Write a code to get 2 integers A and N. Print the integer A, N times in separate line.**

let a=userInput[0].split(" ")

let b=a[0]

let c=a[1]

for(i=0; i<c; i++)

console.log(b);

**Sample Input :**  
2 3

**Sample Output :**  
2  
2  
2

**You are given with Principle amount($), Interest Rate(%) and Time (years) in that order. Find Simple Interest.**

**Print the output up to two decimal places (Round-off if necessary). (S.I. = P\*T\*R/100)**

let a=userInput[0].split(" ")

let b=a[0]

let c=a[1]

let d=a[2]

let e=(b\*c\*d)/100

let sI=parseFloat(e).toFixed(2)

console.log(sI);

**Sample Input :**  
1000 2 5

**Sample Output :**  
100.00

**Write a code to get an integer N and print the sum of  values from 1 to N.**

let n = parseInt(userInput[0]);

let sum=0

for(i=1; i<=n; i++)

sum +=i

console.log(sum);

**Sample Input :**  
10

**Sample Output :**  
55

**Write a code to get an integer N and print the even values from 1 till N in a separate line.**

let n= parseInt(userInput[0]);

for(i=1; i<=n; i++)

if(i%2==0)

console.log(i);

**Sample Input :**  
6

**Sample Output :**  
2  
4  
6

**Using the method of looping, write a program to print the table of 9 till N in the format as follows:**

var n = parseInt(userInput[0]);

var m = [];

if (n === 0) {

console.log('NULL');

} else {

for (i = 1; i <= n; i++ ) {

m.push(i);

}

var c = m.map(m => m \* 9);

console.log(c.join(" "));

}

**Sample Input :**  
3

**Sample Output :**  
9 18 27

**Let "A" be a year, write a program to check whether this year is a leap year or not.**

function A( year) {

if (year % 400 == 0)

return true;

if (year % 4 == 0)

return true;

if (year % 100 == 0)

return false;

return false;

}

let year = userInput[0];

console.log(A(year) ? "Y" : "N");

**You will be provided with a number. Print the number of days in the month corresponding to that number.**

let days = function(month,year) {

return new Date(year, month, 0).getDate();

};

let month = userInput[0]

console.log(days(month, 2020))

**The area of an equilateral triangle is ¼(√3a2) where "**a**" represents a side of the triangle. You are provided with the side "**a**". Find the area of the equilateral triangle.**

function findRoots(a, b, c)

{

if (a == 0) {

console.log(" ");

return;

}

let d = b \* b - 4 \* a \* c;

let sqrt\_val = Math.sqrt(Math.abs(d));

if (d > 0) {

console.log(

((-b + sqrt\_val) / (2 \* a)).toFixed(2) + "<br/>"

+ ((-b - sqrt\_val) / (2 \* a)).toFixed(2));

}

else if (d == 0) {

console.log(-b / (2 \* a) + "<br/>"

+ -b / (2 \* a)) ;

}

else

{

console.log(-b / (2 \* a) + " + i"

+ sqrt\_val + "<br/>"

+ -b / (2 \* a)

+ " - i" + sqrt\_val);

}

}

let n=userInput[0].split(" ").map(Number)

let a = n[0], b = n[1], c = n[2];

findRoots(a, b, c);

let n=userInput[0].split(" ").map(Number)

let a = n[0], b = n[1], c = n[2];

let d = b \* b - 4 \* a \* c;

let sqrt\_val = Math.sqrt(Math.abs(d));

console.log(parseInt((-b + sqrt\_val) / (2 \* a)).toFixed(2))

console.log( parseInt((-b - sqrt\_val) / (2 \* a)).toFixed(2));

**Sample Input :**  
1 5 6

**Sample Output :**  
-2.00  
-3.00

**Write a code to get 2 integers as input and find the HCF of the 2 integer without using recursion or Euclidean algorithm.**

function getHCF(x, y)

{

// Minimum of the two numbers

var minimum = Math.min(x, y);

// If both the numbers are divisible

// by the minimum of these two then

// the HCF is equal to the minimum

if (x % minimum == 0 && y % minimum == 0)

return minimum;

/\* Highest number between 2 and minimum/2

which can divide both the numbers

is the required HCF\*/

for(var i = minimum / 2; i >= 2; i--)

{

/\* If both the numbers

are divisible by i\*/

if (x % i == 0 && y % i == 0)

return i;

}

return 1;

}

var x = userInput, y = userInput

console.log(getHCF(x, y));

**You are provided with the radius of a circle "A". Find the length of its circumference.**

**Note: In case the output is coming in decimal, roundoff to 2nd decimal place. In case the input is a negative number, print "Error".**

function circumference(radius)

{

if (radius <= 0){

console.log("error")

}else{

result =(2\*Math.PI\*radius)

cR=parseFloat(result).toFixed(2)

console.log(cR);

}

}

var radius = userInput[0]

circumference(radius)

**Sample Input :**  
2

**Sample Output :**  
12.57

**You are provided with a number "**N**", Find the**Nth**term of the series:**1, 4, 9, 16, 25, 36, 49, 64, 81, .......

**(Print "**Error**" if**N**= negative value and 0 if**N**= 0)**

function nThSeries(N)

{

if(N<0){

console.log("Error")

}else{

if(N==0){

console.log("0")

}else {

nTh= (N \* (N) )

console.log(nTh);

}

}

}

let N = userInput[0];

nThSeries(N)

Write a code get an integer number as input and print the sum of the digits.

function getSum(n)

{

var sum = 0;

while (n != 0)

{

sum = sum + n % 10;

n = parseInt(n / 10);

}

return sum;

}

var n = userInput[0];

console.log(getSum(n));

**Sample Input :**  
124

**Sample Output :**  
7